

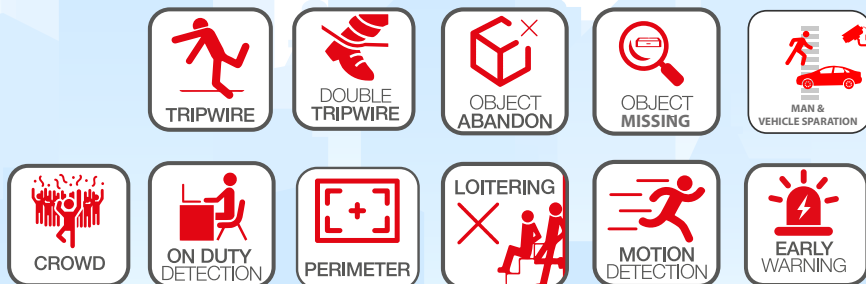
Data Sheet

AL-NVR5010-1DP

10CH SMART NETWORK VIDEO RECORDER

10CH SMART NVR

- Up to 10-channel input including Onvif IP cameras
- S+265/H.265/H.264 video formats
- Supports live view, storage, and playback of the connected camera at up to 6MP resolution
- HDMI andVGA simultaneous output
- 1 SATA interface, up to 8TB for 1 HDD
- Bandwidth 100Mbps
- 1×RJ45 self-adaptive 10/100 Mbps network interface
- VCA: Tripwire;Double Tripwire;Perimeter; Object Abandon;Object Missing;Loitering;Running; Parking;Lens Dignose;Scene Switch Dignose; Signal Abnormal Detection;Signal Loss Detection; On Duty Detection;Crowd Detection



10CH NETWORK VIDEO RECORDER

The Alcon AL-NVR5010-1DP NVR is for the Smarter generation. It is a Smart NVR which supports up to 10ch IP camera input and recording. It Supports Smart Recording, Smart Search and Smart Plug and Play. It Supports any 3rd party OEM IP camera with ONVIF compliance. The Alcon Premium Series NVR also supports intelligent video analytics like Face Detection, People Counting and many other features.

Video Recording & Management

High-Resolution Recording: Supports HD, Full HD and even higher resolutions for detailed surveillance.

Smart Recording: Optimized recording based on motion detection, schedules, or events.

Video Compression: Efficient formats like H.264, H.265, or H.265+ reduce storage requirements without compromising quality.

Customizable Recording Modes: Continuous recording, Motion-based recording & Event-triggered recording

Remote Access & Monitoring

Mobile & Desktop Apps: Provides live viewing and playback via smartphones, tablets, or PCs.

Web Access: Access video feeds via web browsers using IP addresses or dedicated portals.

Multi-Site Monitoring: Centralized viewing of feeds from multiple NVRs in different locations.

Connectivity & Compatibility

ONVIF Compliance: Ensures compatibility with a wide range of IP cameras from different manufacturers.

Ease of Use

Plug-and-Play Setup: Simplifies installation with auto-camera detection.

User-Friendly Interface: Intuitive menus and graphical displays for configuration and monitoring.

Firmware Updates: Ensures up-to-date security and feature enhancements.

Scalability

Expandable Channels: Easily add more cameras as surveillance needs grow.

Integration with VMS: Works with Video Management Software for enterprise-level solutions.

Security & Alerts

Encryption: Protects video streams during transmission and storage.

Multi-User Access Control: Role-based permissions to restrict unauthorized access.

Real-Time Alerts: Notifications for motion, tampering, or system failures via email, SMS, or apps.



Hospital



School/ College



Office



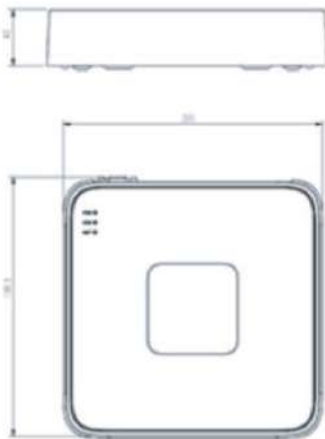
Apartment

SPECIFICATION

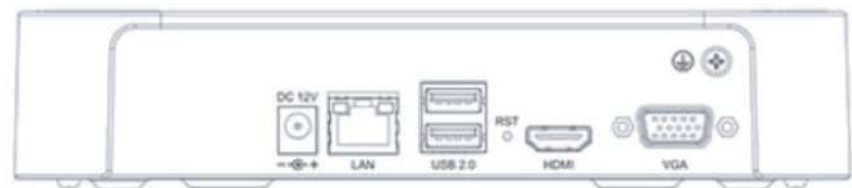
Video and Audio		AL-NVR5010-1DP
Access Channel		10
Incoming Bandwidth		60Mbps
Outgoing Bandwidth		40Mbps
Resolution		6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Preview Decoding Capability		6MP(30fps)×1, 5MP(30fps)×1, 4MP(30fps)×2, 3MP(30fps)×2, 1080P(30fps)×4, 720P(30fps)×8, 4CIF(30fps)×10
Playback Decoding Capability		6MP(30fps)×1, 5MP(30fps)×1, 4MP(30fps)×1, 3MP(30fps)×2, 1080P(30fps)×3, 720P(30fps)×4
Third-party Camera Access		ONVIF; RTSP
HDMI Output		HDMI: 1024×768(60Hz), (720P)1280×720(50Hz/60Hz), 1280×800(60Hz), 1440×900(60Hz), (1080P)1920×1080(50Hz/60Hz), (4K)3840×2160(30Hz)
VGA Output		VGA: 1024×768(60Hz), (720P)1280×720(50Hz/60Hz), 1280×800(60Hz), 1440×900(60Hz), (1080P)1920×1080(50Hz/60Hz)
Multi-screen Display		Simultaneous Output: VGA: 1/3/4/5/6/7/8/9/10 HDMI: 1/3/4/5/6/7/8/9/10
Compression		
Video		S+265; H.265; S+264; H.264
Audio		G711A; G711U; ADPCM_DIV4
Stream Type		Video; Video & Audio
Network		
Network Protocol		802.1X; ARP; DDNS; DHCP; DNS; Easy DDNS; HTTP; HTTPS; ICMP; IGMP; IPv4; IPv6; Multicast; NTP; RTCP; RTP; RTSP; SRTP; SSH; TLSv1.2, TLSv1.3; TCP/IP; UDP; Unicast; UPnP
Mobile Phone Access		Android; iOS; P2P
System Compatibility		RTSP; CGI; SDK
Web		IE10+; Firefox52+; Edge89+; Safari11+; Chrome57+
Record Playback		
Multi-channel Playback		4
Record Mode		Manual Recording; Alarm Recording; Schedule Recording
Storage Method		Local HDD
Backup		USB storage device
Playback Function		Play/Pause/Stop/Slow/Speed/Backwards 30s/Forwards 30s/Full Screen/Backup (Video Editing)/Step/Digital Zoom
Alarm		
General Alarm		Motion Detection; Mask Alarm; Alarm Input(IPC)
Exceptions Alarm		Video Loss; IP Conflict; MAC Conflict; Network Disconnected; No Disk; Illegal Access; Disk group space alert; Disk Full; Disk R/W Error; Recording Abnormal; Abnormal found in smart of disk; Abnormal temperature of the disk; Voltage Alarm(IPC); RTC Failure
Intelligent Analytics		
AI by Camera		Tripwire; Double Tripwire; Perimeter; Object Abandon; Object Missing; Loiter; Running; Parking; Video Abnormal; Audio Abnormal; On Duty Detection; Crowd Detection; Smart Motion; Human/Vehicle Classification
VCA Search		Early-warning Search
Storage		
HDD Capacity		Up to 8 TB capacity for each HDD
Disk Group		1 Disk Group
External Port		
USB		2×USB2.0
HDMI		1×HDMI(supports up to 4K resolution output)
VGA		1×VGA
Network Interface		1×RJ-45, 10/100 Mbps self-adaptive Ethernet port
SATA		1×SATA interface

General	
UI Language	English; Spanish; Italian; Turkish; French; Polish; Hebrew ; German; Portuguese
Power Supply	DC12V 1.5A
Power Consumption	<10W(HDD not included, idling)
NetWeight	0.4 kg
GrossWeight	0.7 kg
Boundary Dimensions	200(L)200(W)43(H)mm
Package Dimensions	315(L)70(W)235(H)mm
Operating Temperature	-10°C~+55°C (+14°F~+131°F)
Operating Humidity	10%~90%RH (non-condensing)
Storage Temperature	-20°C~+60°C (-4°F~+140°F)
Package Kit	Network Video Recorder; Screw Pack; Mouse
Certification	CE, FCC,BIS & RoHS

DIMENSIONS



Physical Interfaces



ORDERING INFORMATION

AL-NVR5010-1DP

10CH Smart NVR with 1 SATA



*Product specifications and availability are subject to change without notice.

